Restoration- Trout Creek/Clavey River (FINAL)

)0473	APP # 70047	Version #	FOR OFFICE USE ONLY:
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A. List of Restoration Activities

The Trout Creek/Clavey River OHV Restoration Planning grant proposal requests funds needed to complete the National Environmental Policy Act (NEPA) analysis/decision documentation and funds for implementation of a restoration project near Hull Creek Campground on the Mi-Wok Ranger District. The funding request covers all aspects of project planning: developing the proposed action, public scoping, resource surveys, analysis, evaluation and reports, and documentation of the decision. An estimate (based on other similar projects with similar activities) of the funding needed to implement the project is also part of the proposal.

The project, located southeast of Hull Creek Campground off of Forest Roads 3N01 (Forest Route 31), 3N26, and 3N26Y, consists of three separate sites located within the Trout Creek and Clavey River drainages. Each project site is heavily used for dispersed camping and OHV day use parking and incurs resource damage by motor vehicles on a regular basis. 4WDs, ATVs, and motorcycles travel off adjacent National Forest Transportation System (NFTS) roads and trails adversely impacting meadow, riparian and stream channel zones (SMZ). Additionally, unauthorized OHV (ATV/Motorcycle) tracks have developed in these areas over the past 10 years.

The District has used allocated California OHV Law Enforcement funds in the past to install no motor vehicle signs within the project area in an attempt to restrict vehicles to NFTS roads and trails and to keep vehicles out of environmentally sensitive areas and stream management zones. Signs have been ineffective in gaining compliance due to easy access into these areas and a lack of physical or natural barriers.

Upon completion and issuance of a signed NEPA decision, project implementation activities will include restoration and permanent closure of approximately 20 acres of impact area, placement of approximately 2000 feet of barriers, and installation of regulatory and information signs in the project area. Area will remain open to non-motorized uses, including walk-in camping beyond any physical barriers.

B. Describe how the proposed Project relates to OHV Recreation and how OHV Recreation caused the damage:

Analysis of Needs and Benefits

Approval of this planning/implementation request will enable the District to complete the necessary NEPA documentation and allow for project implementation. Both Forest Service specialist and local environmental groups have recommended this restoration project. Volunteers have worked on similar projects in the past and will be solicited to reduce overall implementation costs.

If the proposed project is delayed, adverse resource impacts will continue, potentially requiring a much larger restoration project in the future. By treating the localized area while protecting sensitive resources and providing public education to users, general OHV use in the surrounding area on designated NFTS routes can continue. Without the Trout Creek/Clavey River restoration project - if additional damage occurs, the entire area could be closed to OHV use, dispersed camping, and day use parking.

Implementation of this project will restore meadow, riparian, and stream management zones and adjacent areas to a near natural setting enhancing wildlife, plant, and aquatic habitat, protecting cultural resources, and reducing soil loss and sedimentation into both Hull Creek and the Clavey River. The Clavey River is a proposed Wild and Scenic River Corridor.

Additionally, this project will prevent off-route travel by placing physical barriers adjacent to NFTS routes, restricting motor vehicle access to the NFTS and out of meadow and stream riparian areas. Restoration of unauthorized user created trails will be completed as well. Reduced violations by OHV users may result as planned barriers are less susceptible to vandalism and will reinforce the vehicle-restricted areas.

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C. Describe the size of the specific Project Area(s) in acres and/or miles

Approximately 20 acres of impact area will be planned for and treated in the Trout Creek/Clavey River Restoration Project. Route decommissioning will consists of less than two miles of route.

Monitoring and Methodology

Project monitoring will include completion of impact area condition surveys and creation of a photo log to document area prior to project implementation. Additional photos will be taken at project completion and annually thereafter to document changes in project over time. Condition surveys will be completed every three years or as need is determined. Any vandalism or incursions at site will be documented as well.

E. **List of Reports**

List of Reports & Documents to be produced:

- 1. Statement of detailed Proposed Action
- 2. Draft and final Specialist Analyses and Reports
- 3. Draft Decision Document
- 4. Final Decision Document
- 5. Project Monitoring File
- 6. Photos

All materials associated with the project will become part of the project record available for public review upon request.

Goals, Objectives and Methodology / Peer Reviews

The Trout Creek/Clavey River Restoration Planning and Implementation Project do not involve scientific or cultural studies. The project area has been surveyed in the past for cultural resources. Review of past efforts will determine if protection/mitigation measures will be necessary during project implementation to protect cultural resources.

Plan for Protection of Restored Area

Monitoring of project will include routine patrols by FS LEOs and FPOs. District recreation staff will document any vandalism and intrusion into project area and will be responsible for scheduling and the completion of any repair needs.

Both enforcement and educational signs will be installed informing the visiting public of the project and reasons for implementation.

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Additional Documentation for Grants and Cooperative Agreements Program - 2009/2010 2/25/2010 Applicant: USFS - Stanislaus National Forest Application: Restoration- Trout Creek/Clavey River (FINAL)

Additional Documentation

FOR OFFICE USE ONLY: Version # APP # 700473

1. Project-Specific Maps

Attachments:

Trout Creek/Clavey River Restoration Project Site Map

2. Project-Specific Photos

Attachments:

Version #

Trout Creek/ Clavey River Restoration Project Phots

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Project Cost Estimate

		FOR OFFICE USE ONLY:	Version #			APP #		
APPLI	CANT NAME :	USFS - Stanislaus National Forest						
PROJE	ECT TITLE :	Restoration- Trout Creek/Clavey River (FINA	AL)			PROJECT NUMBI (Division use only)2
PROJE	ECT TYPE :	☐ Acquisition ☐ I	Development		П	Education & Safety	Ground Op	erations
		Law Enforcement	Planning		₽ F	Restoration		
The Trout Creek/Clavey River OHV Restor analysis/decision documentation and funds funding request covers all aspects of project and documentation of the decision. An est also part of the proposal. The project, located southeast of Hull Creek located within the Trout Creek and Clavey resource damage by motor vehicles on a resour			or implements planning: denate (based of Campground iver drainages pular basis. 4 v, riparian and ears. HV Law Enford to keep vehicle access into extend the comparishment of th	ation of a restoration of a restoration of a restoration eveloping the proposition other similar project of the second of the se	on projective sed active sed acti	ect near Hull Creek Campgro- ion, public scoping, resource th similar activities) of the fur (Forest Route 31), 3N26, ar vily used for dispersed camp cles travel off adjacent Natior SMZ). Additionally, unauthor o install no motor vehicle sig y sensitive areas and stream physical or natural barriers. activities will include restorati- activities will include restorati-	und on the Mi-Wok Resurveys, analysis, exactly and 3N26Y, consists of ing and OHV day use nal Forest Transportatized OHV (ATV/Motor ins within the project an management zones ion and permanent clo	anger District. The valuation and reports, ment the project is three separate sites parking and incurs tion System (NFTS) rcycle) tracks have area in an attempt to Signs have been osure of approximately
	Line Item		Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES								
Progra	am Expenses							
1	Staff							
	Other-Management/Admin Staff (Planning) Notes: All management and administrative costs for project will be FS match.		6.000	400.000	DAY	0.00	2,400.00	2,400.00

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Line Item	Qty	Rate	UOM	Grant Request	Match	Total
Other-OHV/Recreation Staff (Planning) Notes: OHV/Recreation staff will serve as project lead/interdisciplinary team leader on project.	15.000	310.000	DAY	3,720.00	930.00	4,650.00
Other-Botanist (Planning) Notes : Interdisciplinary Team Member	8.000	310.000	DAY	1,860.00	620.00	2,480.00
Other-Wildlife Biologist (Planning) Notes : Interdisciplinary Team Member	8.000	310.000	DAY	1,860.00	620.00	2,480.00
Other-Hydrologist/Soils (Planning)	8.000	310.000	DAY	1,860.00	620.00	2,480.00
Other-Archaelogist (Planning) Notes : Interdisciplinary Team Member	8.000	310.000	DAY	1,860.00	620.00	2,480.00
Other-Management/Admin Staff (Implementa Notes: All management and administrative costs for project will be FS match.	1.000	400.000	DAY	0.00	400.00	400.00
Other-OHV/Rec Technician (Implementation	15.000	310.000	DAY	4,650.00	0.00	4,650.00
Other-OHV/Rec Technician (Implementation	15.000	260.000	DAY	3,900.00	0.00	3,900.00
Other-LEO (Monitoring) Notes: Project monitoring and enforcement	10.000	440.000	DAY	0.00	4,400.00	4,400.00
Other-FPO (Monitoring) Notes : Project monitoring and enforcement	15.000	310.000	DAY	2,325.00	2,325.00	4,650.00
Other-OHV/Rec Volunteers (Implementation	30.000	156.000	DAY	0.00	4,680.00	4,680.00
Other-Sign Crew (Implementation) Notes: Installation of project signing	2.000	570.000	DAY	1,140.00	0.00	1,140.00
Other-FPO (Monitoring) Notes: Prevention patrol project monitoring and enforcement	15.000	310.000	DAY	0.00	4,650.00	4,650.00
Recreation Planner	5.000	324.000	DAY	1,620.00	0.00	1,620.00
Other-District Ranger	1.000	480.000	DAY	0.00	480.00	480.00

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Line Item	Qty	Rate	UOM	Grant Request	Match	Total
Other-Hydrology Tech (Planning)	3.000	310.000	DAY	930.00	0.00	930.00
Total for Staff				25,725.00	22,745.00	48,470.00
Contracts						
Other-Backhoe w/Operator	6.000	800.000	DAY	4,800.00	0.00	4,800.00
Materials / Supplies						
Other-Printing of letters/maps/doc. (Pla	500.000	0.500	EA	0.00	250.00	250.00
Other-Postage (Planning)	500.000	0.440	EA	0.00	220.00	220.00
Other-Newspaper Legal Notice (Planning)	2.000	200.000	EA	400.00	0.00	400.00
Signs Notes : (e.g., fiberglass post with decals)	75.000	30.000	EA	2,250.00	0.00	2,250.00
Signs Notes: (e.g., approx. 24X24 inch project information, education, and enforcement signing)	10.000	100.000	EA	1,000.00	0.00	1,000.00
Signs Notes: (e.g., approx. 48X48 inch project information, education, and enforcement signing)	4.000	300.000	EA	1,200.00	0.00	1,200.00
Other-Barriers (Rock) Notes: Purchase and delivery of rock boulder barriers to project site	600.000	40.000	MISC	24,000.00	0.00	24,000.00
Other-Supplies Notes: Misc. supplies (e.g., concrete, bolts, paint)	1000.000	1.500	MISC	1,500.00	0.00	1,500.00
Other-Tools Notes: Misc. tools and equipment (e.g., shovels, powersaw, drill)	250.000	1.000	MISC	250.00	0.00	250.00
Other-Barrier Post Notes: 8X8X42 inch posts	100.000	40.000	EA	4,000.00	0.00	4,000.00

Line Item	Qty	Rate	UOM	Grant Request	Match	Total	
Other-Wood Straw (Erosion Control) Notes: Weed free wood straw (Erosion Control and soil stabilization)	150.000	30.000	EA	4,500.00	0.00	4,500.00	
Other-Barrier Fence Notes: Wood fence barrier	400.000	8.000	FT	3,200.00	0.00	3,200.00	
Total for Materials / Supplies				42,300.00	470.00	42,770.00	
4 Equipment Use Expenses							
Other-FOR- 4WD Truck	68.000	14.000	DAY	0.00	952.00	952.00	
Other-Mileage- 4WD Truck	68.000	20.000	DAY	0.00	1,360.00	1,360.00	
Other-FOR- 4WD Truck	85.000	14.000	DAY	0.00	1,190.00	1,190.00	
Other-Mileage- 4WD Truck (LE)	10.000	20.000	DAY	0.00	200.00	200.00	
Other-FOR- 4WD Truck (LE)	10.000	20.000	DAY	0.00	200.00	200.00	
Skid Steer Loader	3.000	150.000	DAY	0.00	450.00	450.00	
Total for Equipment Use Expenses	Total for Equipment Use Expenses						
5 Equipment Purchases							
6 Others							
7 Indirect Costs							
Indirect Costs-Administrative Costs Notes: (10% administrative cost)	1.000	7200.000	MISC	0.00	7,200.00	7,200.00	
Total Program Expenses	otal Program Expenses						
TOTAL DIRECT EXPENSES				72,825.00	34,767.00	107,592.00	
TOTAL EXPENDITURES				72,825.00	34,767.00	107,592.00	

	Line Item	Grant Request	Match	Total	Narrative
DIRE	ECT EXPENSES				
Prog	ram Expenses				
1	Staff	25,725.00	22,745.00	48,470.00	
2	Contracts	4,800.00	0.00	4,800.00	
3	Materials / Supplies	42,300.00	470.00	42,770.00	
4	Equipment Use Expenses	0.00	4,352.00	4,352.00	
5	Equipment Purchases	0.00	0.00	0.00	
6	Others	0.00	0.00	0.00	
7	Indirect Costs	0.00	7,200.00	7,200.00	
Total Program Expenses		72,825.00	34,767.00	107,592.00	
тот	AL DIRECT EXPENSES	72,825.00	34,767.00	107,592.00	
тот	AL EXPENDITURES	72,825.00	34,767.00	107,592.00	

Environmental Review Data Sheet (ERDS)

	FOR OFFICE USE ONLY:	Version #	APP # 700473				
ı	TEM 1 and ITEM 2						
	ITEM 1						
a.	ITEM 1 - Has a CEQA Notice of Determin (Please select Yes or No)	ation (NOD) been	iled for the Project?	С	Yes	0	No
	ITEM 2						
b.	Does the proposed Project include a required document preparation prior to implementing a two-phased Project pursuant to Section	ng the remaining P	roject Deliverables (i.e., is it	•	Yes	C	No
ı	TEM 3 - Project under CEQA Guidelines	Section 15378					
C.	ITEM 3 - Are the proposed activities a "Proposed select Yes or No)	oject" under CEQA	Guidelines Section 15378?	C	Yes	C	No
d.	The Application is requesting funds solely and ensure public safety. These activities environment and are thus not a "Project" u	would not cause a	ny physical impacts on the	C	Yes	C	No
e.	Other. Explain why proposed activities wo a "Project" under CEQA. DO NOT comple	=	physical impacts on the enviro	onm	ent and a	are 1	thus no
ı	TEM 4 - Impact of this Project on Wetlan	nds					
I	TEM 5 - Cumulative Impacts of this Proj	ect					
I	TEM 6 - Soil Impacts						
ı	TEM 7 - Damage to Scenic Resources						
ı	TEM 8 - Hazardous Materials						
	Is the proposed Project Area located on a Section 65962.5 of the California Government Select Yes or No)			C	Yes	C	No
	If YES, describe the location of the hazard taken to minimize or avoid the hazards.	d relative to the Pro	ject site, the level of hazard a	ınd t	he meas	ures	s to be
ı	TEM 9 - Potential for Adverse Impacts to	o Historical or Cul	tural Resources				
	Would the proposed Project have potential historical or cultural resources? (Please	-	al adverse impacts to	C	Yes	C	No
	Discuss the potential for the proposed Proresources.	pject to have any s	ubstantial adverse impacts to	histo	orical or o	cultu	ural

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ITEM 10 - Indirect Significant Impacts

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Environmental Review Data Sheet (ERDS) for Grants and Cooperative Agreements Program - 2009/2010
Applicant: USFS - Stanislaus National Forest
Application: Restoration- Trout Creek/Clavey River (FINAL)

CEQA/NEPA Attachment

Version #

Evaluation Criteria

FOR OFFICE USE ONLY:	Version #	APP # 700473	

1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

 As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is: 3

(Note: This field will auto-populate once the Cost Estimate and Evaluation Criteria are Validated.) (Please select one from list)

- 76% or more (10 points)
- 51% 75% (5 points)
- @ 26% 50% (3 points)
- 25% (Match minimum) (No points)

number of special-status species [3]

2. Natural and Cultural Resources - Q 2.

2.

Natural and Cultural Resources - Failure to fund the Project will result in adverse impacts to: 18
(Check all that apply) (Please select applicable values)
✓ Domestic water supply (4 points)
Archeological and historical resources identified in the California Register of Historical Resources or the Federal Register of Historic Places (3 points)
✓ Stream or other watercourse (3 points)
✓ Soils - Site actively eroding (2 points)
Sensitive areas (e.g., wilderness, riparian, wetlands, ACEC) (2 point each, up to a maximum of 6) Enter number of sensitive habitats [4]
☐ Threatened and Endangered (T&E) listed species (2 point each, up to a maximum of 6) Enter number of T&I species

Describe the type and severity of impacts that might occur relative to the checked item(s):

Trout Creek and the Clavey River are tributaries to the Tuolumne River, a designated Wild and Scenic River Corridor and a significant water supply source for Don Pedro Reservoir. Currently, OHV activities are causing erosion and runoff directly into the Trout Creek and Clavey River drainages, potentially affecting rivers downstream.

V Other special-status species - Number of special-status species (1 point each, up to a maximum of 3) Enter

Denuded barren impact areas have reduced riparian and meadow habitat due to continued motorized vehicle use into these areas, has compacted soil around confers, and has removed natural vegetation and leaf/needle cover for erosion control and soil stabilization.

Project will result in the elimination and restoration of 2-stream crossings reducing potential impacts to aquatic habitats, natural vegetation recovery in barren areas and within riparian zones, and restrict motor vehicle use from stream channels. Wildlife (e.g., deer, goshawk, spotted owl) and plant (e.g., fawn lily) habitat will be restored to a more natural condition and motor vehicle use eliminated.

3. Reason for Project - Q 3.

3. Reason for the Project 4

(Check the one most appropriate) (Please select one from list)

- Protect special-status species or cultural site (4 points)
- Restore natural resource system damaged by OHV activity (4 points)

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Evaluation Criteria for Grants and Cooperative Agreements Program - 2009/2010 Applicant: USFS - Stanislaus National Forest Application: Restoration- Trout Creek/Clavey River (FINAL)

	© OHV activity in a closed area (3 points)
	C Alternative measures attempted, but failed (2 points)
	Management decision (1 point)
	Scientific and cultural studies (1 point)
	Planning efforts associated with Restoration (1 point)
	Reference Document
	Project NEPA analysis and decision is part of this funding request. Project need identified during Forest Service Dispersed Campsite Inventories, OHV Route Condition Surveys, and during the Clavey River Ecosystem Project (CREP 2009).
	Measures to Ensure Success - Q 4.
4.	Measures to ensure success –The Project makes use of the following elements to ensure successful implementation 12
	(Check all that apply) Scoring: 2 points each (Please select applicable values)
	Site monitoring to prevent additional damage
	Construction of barriers and other traffic control devices
	✓ Use of native plants and materials
	✓ Incorporation of universally recognized 'Best Management Practices'
	Educational signage
	✓ Identification of alternate OHV routes to ensure that OHV activities will not reoccur in restored area
	Explain each item checked above:
	Site monitoring will include regular condition reports, photo documentation, and LE incident reports. All monitoring will be accomplished during regular FS patrols in project area.
	Project focus is the construction and installation of barriers to prevent further site damage by controlling vehicle access.
	Native materials (rock boulder and/or wood post) will be used for barriers and native vegetation (e.g., trees, shrubs, plants) will be utilized for recovery in barren or denuded areas.
	Interpretive materials and signs will be designed, constructed and installed at the project site to inform the public of the restoration needs.
	OHV use will be re-directed to appropriate/legal OHV routes in the area.
	Restoration Best Management Practices are utilized on all Forest projects.
	Publicly Reviewed Plan - Q 5.
5.	Is there a publicly reviewed and adopted plan (e.g., wilderness designation, land management plans, route designation decisions) that supports the need for the Restoration Project? 5
	(Check the one most appropriate) (Please select one from list)
	No (No points)
	Identify plan

4.

5.

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Application: Restoration- Trout Creek/Clavey River (FINAL)

Publicly reviewed plans include the 1991 Stanislaus National Forest Land Management Plan, as amended; 1998 Stanislaus National Forest Motor Vehicle Travel Management Forest Plan Amendment; 2009 Motorized Travel Management - Environmental Impact Statement (EIS Nov. 2009); Clavey River Ecosystem Project (CREP 2009). Site specific NEPA analysis and decision are part of this funding request. Public scoping and involvement is part

	of the process and will be conducted as requi	red.						
	Primary Funding Source - Q 6.							
6.	Primary funding source for future operational	costs associated with the Project will be: 5						
	(Check the one most appropriate) (Please se	lect one from list)						
	Applicant's operational budget (5 points)							
	C Volunteer support and/or donations (3 pe	oints)						
	Other Grant funding (2 points)							
	OHV Trust Funds (No points)	C OHV Trust Funds (No points)						
	If 'Operational budget' is checked, list referen	ce document(s):						
	Future operational costs to be minimal (relate budget not yet developed. Previous Agency budget not yet developed.	ed only to monitoring of restoration). Out year Agency operational budgets include funding for this purpose.						
	Public Input - Q 7.							
7.	The Project was developed with public input of	The Project was developed with public input employing the following 2						
	(Check all that apply) Scoring: 1 point each, up to a maximum of 2 points (Please select applicable values)							
	☑ Publicly noticed meeting(s) with the general public to discuss Project (1 point)							
	Conference call(s) with interested parties (1 point)							
	✓ Meeting(s) with stakeholders (1 point)							
	Explain each statement that was checked							
	2010 Off-Highway Vehicle Grant Application. application and to seek comments and feedbaconfirmed continued project support. Addition	anning and Implementation Project was developed as part of the Public scoping and involvement was solicited to share the grant ack. Recent contacts with local interested parties and stakeholders ally, project was identified by the Clavey River Ecosystem Project erous public meetings were held to gather public comments on the ential watershed restoration projects.						
	Utilization of Partnerships - Q 8.							
8.	The Project will utilize partnerships to succes organizations that will participate in the Project	sfully accomplish the Project. The number of partner ct are 4						
	(Check the one most appropriate) (Please se	lect one from list)						
	4 or more (4 points)	C 2 to 3 (2 points)						
	C 1 (1 point)	None (No points)						
	List partner organization(s):							
	Central Sierra Environmental Resource Cente County Off- Road Club, Mi-Wok OHV Volunte	er (CSERC), Tuolumne River Trust, Mule Deer Foundation, Trieers.						
	Scientific and Cultural Studies - Q 9.							
9.	Scientific and cultural studies will							

(Check all that apply) (Please select applicable values)

Determine appropriate Restoration techniques (2 points)

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9.

6.

7.

8.

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Evaluation Criteria for Grants and Cooperative Agreements Program - 2009/2010 Applicant: USFS - Stanislaus National Forest Application: Restoration- Trout Creek/Clavey River (FINAL)

2/25/2010

	☐ Examine potential effects of OHV Recreation on natural of ☐ Examine methods to ensure success of Restoration efforts ☐ Lead to direct management action (1 point)	, , ,
	Explain each item checked above	
10.	. Underlying Problem - Q 10.	
10	 The underlying problem that resulted in the need for the Restoration Project has been effectively addressed and resolved 3 	
	(Check the one most appropriate) (Please select one from list)	
	No (No points)	es (3 points)
	Explain 'Yes' answer	
	The specific NEPA planning process to consider alternatives ar funding request. Implementation proposal includes physical bar routes and elimination of motorized vehicle in areas being restored.	riers to confine motorized vehicle access to NFTS
11. Size of sensitive habitats - Q 11.		
11	11. Size of sensitive habitats (e.g., wilderness, riparian, wetlands, Abe restored 5	ACEC) within the Project Area which will
	(Check the one most appropriate) (Please select one from list) Greater than 10 acres (5 points) 1 – 10 acres (3 points) Less than 1 acre (1 points)	
	No sensitive habitat within Project Area (No points)	

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